of said host software application, wherein said controller accesses said torque data from said data storage and uses said torque data to influence control of said motor so as to produce said tactile sensation in accordance with said requirements of said host software application; and

a sensor coupled to said interface device and operative to provide position information related to said different positions of said member, wherein said position information is provided to said controller.

20. (new) A tactile feedback interface device as recited in claim 19 wherein said motor is a first motor, and further comprising providing a second motor in said interface device such that said controller controls a force output by both said first and second motors, said first and second motors working in conjunction to produce said tactile sensation.

21. (new) A tactile feedback interface device as recited in claim 19 wherein multiple torque values are received from said host computer and stored simultaneously in said local memory.

22. (new) A tactile feedback interface device as recited in claim 21 wherein each set of said torque values describes a different tactile sensation.

23. (new) A tactile feedback interface device as recited in claim 19 wherein said local data storage is external to said tactile controller.

24. (new) A tactile feedback interface device as recited in claim 19 wherein said local data storage is resident on said tactile controller.